

Lost Jim lava flow BasaltLake sediments of low terraces of Imuruk and Cloud Lakes Peat, silt, and sand Camille lava flow Lake sediments, undifferentiated Diatomite in valley of Andesite Creek, probably peat and silt else-where $Mostly\ gravel$ Cinder, agglomerate, and composite volcanic cones Drift of Salmon Lake glaciation Lake sediments of intermediate Gosling volcanics

Basalt and basaltic andesite lava
flows overlain by patchy cover of
windblown silt terraces of Imuruk and Sandy Lakes Peat, silt, sand, and gravel ${\sf Qst}, till; {\sf Qso}, outwash$ Drift of Nome River glaciation Qnt, till; Qno, outwash Imuruk volcanics Basalt and basaltic andesite lava flows overlain by 3-20 feet of wind-blown silt Kougarok gravel Kugruk volcanics Iron-stained gravel and sand, locally containing lignite member. Covered with 20-30 feet of peat and windblown silt

Basalt and basaltic andesite lava flows, commonly showing spheroidal weathering Quartz monzonite Locally includes granite, diorite, pegmatite, and aplite.
Questioned where lithology is inferred from airphoto
interpretation Calcitic, muscovitic, graphitic, and quartzose schist of green-schist facies; local thin beds of metalimestone. Questioned where lithology is inferred from airphoto interpretation Questioned where lithology is inferred in areas having thick cover of windblown silt Chiefly hornblende-microcline gneiss and biotite gneiss of amphibolite facies, but includes metalimestone, granitoid rocks, and pegmatite Contact Dashed where approximately located Strike and dip of bedding in schist Strike and dip of joints in granite or gneiss Strike of vertical joint Drag fold, showing strike and dip of axial plane and plunge of axis Wave-cut cliff along oldest abandoned shoreline of Imuruk Lake Volcanic vent, not represented by a cone Fault scarp Queried where interpretation doubtful Linear feature visible on airphotos; probably low fault scarp

EXPLANATION

GEOLOGIC MAP OF THE IMURUK LAKE AREA, ALASKA

SCALE 1:125 000

CONTOUR INTERVAL 200 FEET
DATUM IS MEAN SEA LEVEL